

Revised PTO

03 DEC 2004

International application No.
PCT/AU03/00696

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : C12Q 1/68		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CA, WPIDS, MEDLINE: oligonucleotide, solid support or phase, microsphere, bead, array, covalent, capture, attach, immobilise, ligase, ligate, anneal, complement		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 48244 A2 (GLAXO GROUP LIMITED) 5 July 2001 See in particular pages 14, 53 and claims 20 and 89	1-8
X	US 6 030 782 A (Anderson S et al) 29 February 2000 See in particular claims 1 and 12-15	1-4, 7, 8
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 17 July 2003	Date of mailing of the international search report 23 JUL 2003	
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer TERRY MOORE Telephone No : (02) 6283 2632	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Rogers Y-H et al (1999) "Immobilization of Oligonucleotides onto a Glass Support via Disulphide Bonds: A Method of Preparation of DNA Microarrays" Analytical Biochemistry 266, pages 23-30 See whole document	1, 2, 4, 7, 8
X	Zhang Y et al (1991) "Single-base Mutational Analysis of Cancer and Genetic Diseases Using Membrane Bound Modified Oligonucleotides" Nucl Acids Res 19(14), pages 3929-3933 See whole document	1, 2, 4, 7, 8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00696

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	2001 48244	AU	2001 24500	EP	1272662		
US	6 030 782	AU	65402/98	EP	910670	WO	98 39481
							END OF ANNEX